

Notice of Allowability

Application No.

10/807,198

Examiner

Lloyd A. Gall

Applicant(s)

HUANG, JOSEPH

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the telephone interview of 07 September 2004.
2. ☒ The allowed claim(s) is/are 1-5.
3. ☒ The drawings filed on 24 March 2004 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date _____.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Troxell on September 7, 2004.

The application has been amended as follows: On page 14, lines 2-4, "Thereby, manufacturing...be faster." is deleted. On page 3, lines 12 and 20, "annular ring" is replaced with --loop--. On page 3, line 21, --general-- is inserted before "shape". On page 4, line 11, "annular ring" is replaced with --loop--. On page 5, line 15, "annular ring" is replaced with --loop--. On page 6, lines 5, 6, 10 and 13, "annular ring" is replaced with --loop--. On page 7, lines 6, 14 and 21, "annular ring" is replaced with --loop--. On page 8, lines 1, 9-10 and 17, "annular ring" is replaced with --loop--. On page 9, lines 11 and 15-16, "annular ring" is replaced with --loop--. On page 10, lines 4 and 11, "annular ring" is replaced with --loop--. On page 10, line 11, "to have the shape of a ring" is deleted. On page 10, line 14, "extending" is replaced with --extend--. On page 10, line 17, "diameter" is replaced with --dimension--. On page 10, line 18, "for mounting and dismounting" is deleted. On page 10, line 19, "to connect" is replaced with --into--. On page 11, lines 3 and 17, "annular ring" is replaced with --loop--. On page 11, line 5, "placing" is replaced with --be placed--. On page 11, lines 7 and 8, "abutting" is replaced with --abut--. On page 11, line 15, "a" is replaced with --said--. On

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page 12, lines 5 and 7, "abutting" is replaced with –abut--. On page 12, line 7, "slipping" is replaced with –slip--.

The following is an examiner's statement of reasons for allowance: The prior art of record does not teach the claimed key collecting device including a main body with a longitudinal central hole and upper and lower transverse holes to receive a loop, an elastic engaging latch having an upper control hole and a transverse window below the control hole, and a spring abutting the upper edge of the window and a positioning sleeve abutting a lower section of the loop.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

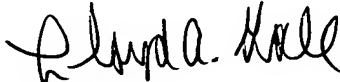
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lloyd A. Gall whose telephone number is 703-308-0828. The examiner can normally be reached on Monday-Friday, 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Bagnell can be reached on 703-308-2151. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

LG LG
September 7, 2004


Lloyd A. Gall
Primary Examiner